YEAR 7 · MEASUREMENT

Converting Metric Units of Length

Practise multiplying and dividing to convert between metric units.

Name _____ **Date** _____

USEFUL FACTS

10 mm = 1 cm	**100 cm = 1 m**	**1,000 m = 1 km**	**1,000 mm = 1 m**

To change to a smaller unit, multiply. To change to a larger unit, divide.

A. Convert each length

Write each answer in the space.

1. 6.4 cm = _____ mm
2. 570 mm = _____ cm
3. 3.25 m = _____ cm
4. 840 cm = _____ m
5. 2.7 km = _____ m
6. 6,350 m = _____ km
7. 0.48 m = _____ mm
8. 2,450 mm = _____ m
9. 0.036 km = _____ m
10. 1,275 cm = _____ m
11. 0.9 cm = _____ mm
12. 5.08 m = _____ cm

B. Complete the conversions

Fill in the missing value.

13. _____ cm = 0.84 m
14. 1.6 km = _____ mm
15. _____ m = 47,000 mm
16. 0.025 km = _____ cm

C. Apply your skills

Show your working.

17. A cycling route is 3.2 km long. How many metres long is the route?

    Answer: _____ **m**

18. A piece of wire is 2.4 m long. Sam uses 75 cm. How many centimetres of wire remain?

    Answer: _____ **cm**